

# Oral Presentations

<b>Morning Monday 17 September 2012</b>		
<i>Chair: Hans Thybo, Zhongjie Zhang</i>		
<b>Keynote Speech</b>		
<b>08:30-09:15</b>	<b>Jiwen Teng</b>	<b>Deep seismic sounding and the fine structure of crust and upper mantle in China</b>
<b>Technical Session 1: CRUSTAL STRUCTURE</b>		
<b>09:15-09:35</b>	<b>Alan Roberts</b>	Emulator-driven model space screening for the deep crust across the Faroes Continental Margin
<b>09:35-09:55</b>	<b>Tanya Fomin</b>	The Australian national deep crustal seismic and magnetotelluric program, 2006-2011
<b>09:55-10:15</b>	<b>Tobias Hermann</b>	Crustal structure along the East Greenland margin
<b>10:15 – 10:35 Coffee break</b>		
<i>Chair: Stefan Buske, Wencai Yang</i>		
<b>10:35-10:55</b>	<b>Alexander Rybalka</b>	Deep Seismic Studies in the Junction Zone of the Arctic Mendeleev Rise and the Eurasian Continent
<b>10:55-11:15</b>	<b>Zhanwu Lu</b>	SinoProbe 5000 km regional seismic deep reflection profiles: to reveal the crustal framework and deformation geodynamics of the Chinese mainland
<b>11:15-11:35</b>	<b>Masaki Kano</b>	Crustal Structure and Tectonic Evolution of Enderby Land, East Antarctica, by Active and Passive Seismic Surveys
<b>11:35-11:55</b>	<b>Wooham Kim</b>	Three-dimensional P- and S-wave velocity structures and characteristics of low-velocity zones within the Pacific subducted slab beneath central Japan constrained by relocated accurate initial hypocentral parameters
<b>11:55-12:15</b>	<b>Yongqian Zhang</b>	Crustal structure of the Ordos basin and Yinshan orogen
<b>12:30 – 14:00 Lunch Break and Posters</b>		

**Afternoon Monday 17 September 2012***Chair: Zoli Hajnal, Sheng Yu***Keynote Speech**

<b>14:00-14:45</b>	<b>Wencai Yang: New development of structure of crust and upper mantle in mainland China</b>
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**Technical Session 2: MOHO AND MANTLE**

<b>14:45-15:05</b>	<b>Evgenia Milshteyn</b>	The Moho Depth in North, Central, and East Asia
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<b>15:05-15:25</b>	<b>Tamara Yegorova</b>	Structure of the upper mantle of Russia from 2D density modelling on super-long seismic profiles
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<b>15:25-15:45</b>	<b>Yan Lü</b>	Uppermost mantle 2.5 dimensional tomography beneath Sichuan-Yunan and surrounding regions
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**15:45-16:05** **Coffee Break***Chair: Irina Artemieva, Xiankang Zhang*

<b>16:05-16:25</b>	<b>Jacek Stankeiwicz</b>	Dead Sea Basin Imaged by Ambient Seismic Noise Tomography
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<b>16:25-16:45</b>	<b>Takaya Iwasaki</b>	Natures of subducted plate boundary beneath the SW Japan Arc
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<b>16:45-17:05</b>	<b>Irian Artemieva</b>	Seismic anomalies and thermo-chemical heterogeneity of the subcontinental lithospheric mantle
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<b>17:05-17:25</b>	<b>Zhuo Ye</b>	The crust and upper mantle status and its lateral variation beneath the continental margin of southeastern China
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<b>17:25-17:45</b>	<b>Stefan Buske</b>	Multi-scale seismic imaging of the San-Andreas-Fault at SAFOD (Parkfield, CA)
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**18:30** **Dinner**

**Morning Tuesday 18 September 2012**

*Chair: Jacek Stankiewicz, Chunyong Wang*

**Keynote Speech**

**08:30-09:15**     **Walter Mooney: Problems and Paradox of Continental Crustal Evolution**

**Technical Session 3: PLATE BOUNDARIES**

**09:15-09:35**     **Jose Badal**     The Ibero-Maghrebian plate boundary to the light of the multifractal analysis

**09:35-09:55**     **Zhongjie Zhang**     Crustal structure across the 2nd topography transition belt in East China

**09:55-10:15**     **Hiroshi Sato**     Seismic imaging of the plate boundary fault beneath the flank of Mt. Fuji, central Japan

**10:15-10:35**     **Coffee Break**

*Chair: Stephenson Randell, Rui Gao*

**10:35-10:55**     **Michal Malinowski**     A deep reflection seismic profile across the Trans-European Suture Zone in SE Poland

**10:55-11:15**     **Haibin Song**     Reflection seismic researches on continental margin system

**Technical Session 4: INTRAPLATE TECTONICS**

**11:15-11:35**     **Cedric Schmelzbach**     Microseismic-reflection imaging of large-scale tectonic structures

**11:35-11:55**     **Hans Thybo**     How is Kaapvaal different from other cratons?

**11:55-12:15**     **Takaya Iwasaki**     Natures and geometry of active fault systems of Itoigawa-Shizuoka Tectonic Line, central Japan

**12:30 – 14:00**     **Lunch and poster**

**Afternoon Tuesday 18 September 2012***Chair: Tae-Kyung Hong, Fuyun Wang***Keynote Speech**

<b>14:00-14:45</b>	<b>M. Santosh: Geophysical signatures of Precambrian sutures in Peninsular India</b>
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**Section on INTRAPLATE TECTONICS Continue**

<b>14:45-15:05</b>	<b>Tamara Yegorova</b>	Local seismic tomography model of the northeast Black Sea: intraplate crustal underthrusting
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<b>15:05-15:25</b>	<b>Vera Glomb</b>	Seismic site characterization for the Deep-Fault-Drilling-Project Alpine Fault
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<b>15:25-15:45</b>	<b>Hans Thybo</b>	First explosion seismic project in interior Greenland
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**15:45-16:05** **Coffee break***Chair: Jose Badal, Qiyuan Liu***Technical Session 5: REGIONAL SURVEYS**

<b>16:05-16:25</b>	<b>Taekyung Hong</b>	Tectonic evolution and seismic properties around the Korean Peninsula
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<b>16:25-16:45</b>	<b>Xiaofeng Tian</b>	Crust structure of the North China Craton from long range seismic wide angle reflection/refraction profile
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<b>16:45-17:05</b>	<b>Valenti Sallares</b>	Marine Seismic Investigations of the Western Mediterranean Systems of Basins and Arcs
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<b>17:05-17:25</b>	<b>Tatiana Kashubina</b>	Onshore-offshore Wide-angle Seismics in the Chukchi Peninsula and the East-Siberian Sea
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<b>17:25-17:45</b>	<b>Nirjhar Mullick</b>	Reflection seismic investigation of the geodynamically active West-Bohemia/Vogtland region
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**18:30** **Dinner**

**Morning Thursday 20 September 2012***Chair: Alexey Goncharov, Takaya Iwasaki***Keynote Speech****08:00-09:15**     **Ramon Carbonell: The Lithosphere of Northern Morocco: Constraints from New Seismic Data****Technical Session 6: MAGMATISM AND MINERALIZATION****09:15-09:35**     **Magnus Andersson**     A reflection seismic study of the Alnö alkaline and carbonatite igneous complex**09:35-09:55**     **Hans Thybo**     Magmatic alteration of the crust in the Baikal rift from P- and S-wave active source data**09:55-10:15**     **Zoltan Hajnal**     Tectonic connections of major mineralized zones of the Athabasca Basin, Saskatchewan, Canada**10:15-10:35**     **Coffee break***Chair: Ramon Carbonell, Qiusheng Li***Technical Session 7: ADVANCES IN METHODOLOGIES****10:35-10:55**     **Junmeng Zhao**     Where Has the Shortened Lithosphere Gone ---Mantle Flow below the Tibet**10:55-11:15**     **Felix Hlousek**     Comparison of advanced seismic migration techniques using the CCSS2003 benchmark dataset**11:15-11:35**     **Charlotte Krawczyk**     Shear-wave reflection seismics as bridge between georadar and deeper subsurface surveying**11:35-11:55**     **Olaf Hellwig**     Coherence-based prestack depth migration**11:55-12:15**     **Qiaoxia Liu**     Relocation of Yushu Ms7.1 Earthquake Aftershocks and Discussion on Seismogenic Structure**12:30 – 14:00**     **Lunch break**

**Afternoon Thursday 20 September 2012***Chair: Valenti Sallares, Yury Erinchek***Keynote Speech**

<b>14:00-14:45</b>	<b>Hans Thybo: Factors controlling final depth of continental rifts</b>
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**Section on ADVANCES IN METHODOLOGIES continues**

<b>14:45-15:05</b>	<b>Suzhen Pan</b>	Large contrast observed in crustal composition and structure between the Ordos plateau and the northeastern margin of the Tibetan Plateau
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<b>15:05-15:25</b>	<b>Peter Hedin</b>	Imaging the Scandinavian mountains to better understand Caledonian orogeny
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**15:25-15:45 Coffee break****Technical Session 8: ENVIRONMENT**

<b>15:45-16:05</b>	<b>Alexey Goncharov</b>	Synthesis of well log, reflection and refraction velocity measurements in the context of the CO <sub>2</sub> Storage project in the Bonaparte Basin, offshore NW Australia
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<b>16:05-16:25</b>	<b>Ramon Carbonell</b>	Seismic characterization of the Spanish CO <sub>2</sub> Storage site
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<b>16:25-16:45</b>	<b>Charlotte Krawczyk</b>	Imaging of urban sinkhole structures in the metropolitan region of Hamburg, Germany
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**16:45-17:05 Coffee Break****17:05-18:00 Plenary Session***Chair: Walter Mooney, Jiwen Teng***18:30 Dinner**